

Marked up Version of the Amended Claims

1. (Amended) A method for managing work processes comprising:
instantiating project models as instances of a decision process model comprised of
interdependent decisions, to which [they] said project models conform, [comprising]
[supporting the work of the process by] rendering said process models as elements
of a computer-based system in support of the work process, and
rendering said project models as elements of a computer-based system by support
of the work process.
2. (Amended) A computer implemented method for modeling work processes
comprising
instantiating a plurality of objects by abstract or concrete classes, and including at
least a decision class and a data class,
relating each decision object to one or more data objects which it produces,
requiring, for at least one decision object, at least one data object as a prerequisite
to its activation or completion thereby establishing an interdependence between the decision
object requiring said data and the decision object providing said data, and
optionally generating additional subclasses or instances of said decision and data
classes.
6. (Amended) A computer implemented method of modeling and managing
decision-making work processes among a plurality of participants comprising
using a network whose nodes are abstract decision situations, and
providing arcs directed by decisions based on logical precedence.

12. (Amended) A computer implemented method for managing work processes comprising

instantiating project models as instances of a decision process model comprised of interdependent decisions, to which [they] said project models conform, [comprising]

[providing an extensible, object-oriented framework for] modeling processes using an extensible, object-oriented framework, and

[providing abstract and concrete classes as elements of said framework, whose objects map] mapping plural participants in the process using objects representing abstract and concrete classes as elements of said framework.

13. (Amended) A computer implemented decision-making method for traversing networks [work model process] including nodes and directed arcs connecting said nodes comprising

initializing all directed arcs and arc collections with an inactive state,

activating an entry collection of directed arcs which share a common entry node upon completion of the entry node's function,

activating all members of said entry collection upon activation of said entry collection,

activating an exit collection of directed arcs which share a common exit node upon activation of any member of said exit collection, and

testing, upon activation of said exit collection, other members of said exit collection for said member's active/inactive state and if any member of said exit collection is inactive, then stop testing and return said exit collection to its inactive state, and otherwise, if all members have tested active, activate their common exit node.